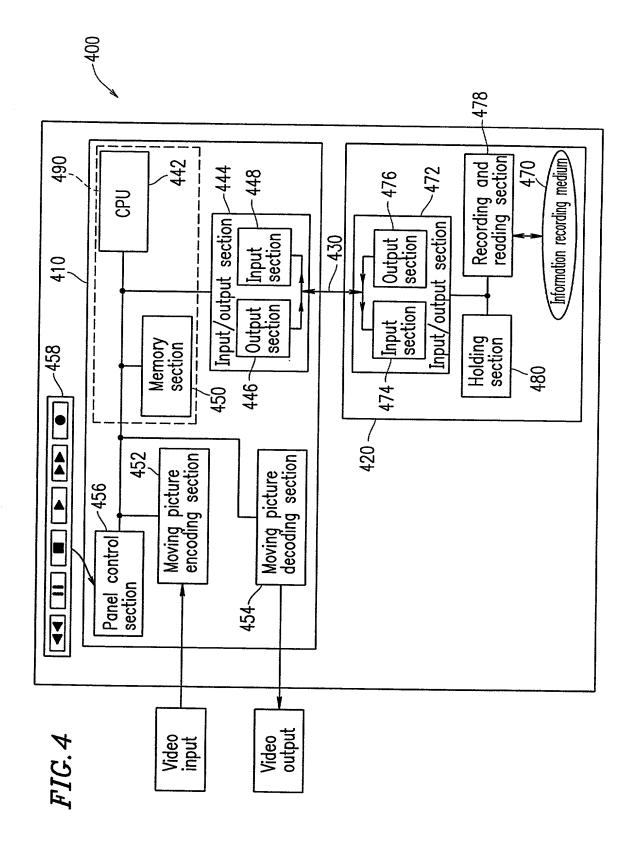


Recording Reading processing	luction apparatus 140	Data In 311 Dat Notification Command	Data In Data Out	Reading 304 313 Positioning		output 321 Command output 331 Data In 325 Data Out 334	Notification Command of termination interpretation 334 of termination	\ Data Out	325 333 335 343 ing Positioning Recording Positioning	Reading processing time period shortened time period shortened
Recording Reading processing	(b) Conventional information recording and reproducessing Reading processing Command output		or termination interpretation 302	section 303 Positioning	(c) Information recording and reproduction apparatus 100 according to the present invention	Command	Notification Command No of termination 322,	Data	323 324 Positioning Read	to –
(a) Processing $FIG.3A$	(b) Conventic	Host system 1410	Driving apparatus 1420	Recording and reading section	(c) Informatic according	Host system 110		Driving apparatus 120	Recording and reading section	

	1 /			4/1	6		1	t t
	cessing	Datc	Notification on 314 of termination 316 Out	┥ ┝╼┉	1 /		Notification of termination 358	Recording processing time period shortened
	1400 Recording processing	311	Command interpretation 312	313 Positioning	1	Data Out -356	lion 356 Data Out	Recording 357 Reading processing time period shortened
Reading processing	on apparatus	Data In	of termination 306 Data In	Reading 304	100 Command output		Command interpretal 342	Position 34 355
Recording	ucti	301 apr	ion 30	303 Positioning R	reproduction apparatus nvention command output 341	Data In 7 345	345 Notification of termination 346 Data In	Reading 353 Rotation adjustment Positioning 353
g Reading processing	cording ar			303-	reproduction appinvention Command output 341		Command interpretation 342	344 ositioning Ro
Recording processing			Notification of termination		: <u>=</u> ○		Notification of termination	343_ Posi
(a) Processing	(b) Conventional information	1410	Driving apparatus 1420	Recording and reading section 1468	(d) Information recording and according to the present	110	ratus 120	Recording and reading section
$\stackrel{ ext{(a)}}{FIG.3B}$	(9)	Host system 1410	Driving appo	Recording a	(p)	Host system 110	Driving apparatus 120	Recording a



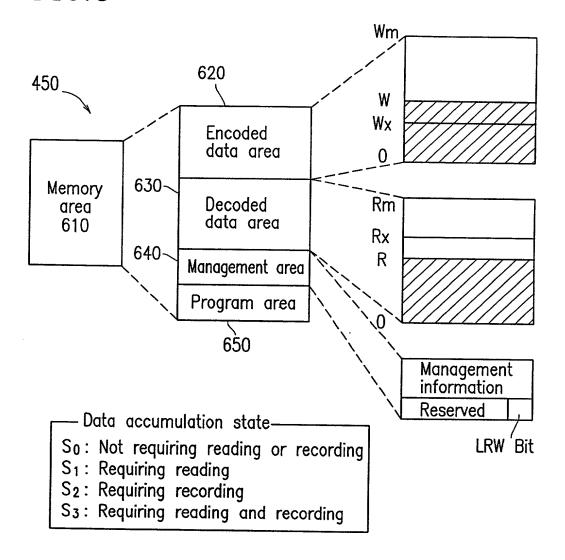
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FIG.5

Rea	iding/r	ecordir	ng com	nmand	CDB	,	5	00
7	6	5	4	3	2	1	0	

Byte Bit	7	6	5	4	3	2	1	0	
0	Operation code								
1	LUN DPO FUA EBP R						R	Rel Adr	
2	(MSB)								
3		Logical block address							
4									
5	(LSB)								
6	(MSB)				****			`'	
7			Trans	for lor	ath				
8	Transfer length								
9							((LSB)	
10			R	eserve	d			RWC	
11	Control byte								

FIG. 6



F	Rx < R	R < Rx
$W < W_X$	So	S ₁
Wx <w< td=""><td>S₂</td><td>S3</td></w<>	S ₂	S3



